

# INTERNATIONAL SEARCH REPORT

In **national Application No**  
**PCT/IB2004/003703**

**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC 7 G01V1/28**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
**IPC 7 G01V**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**EPO-Internal, WPI Data, INSPEC, COMPENDEX**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 6 205 403 B1 (GAISER JAMES ERIC ET AL) 20 March 2001 (2001-03-20) column 3, line 37 - column 5, line 45 -----	1-4,6
X	GB 2 379 505 A (WESTERNGECO LTD) 12 March 2003 (2003-03-12) page 1, line 11 - line 14 page 2, line 13 - line 19 page 4, line 9 - line 26 page 11, line 10 - page 12, line 30 page 7, line 24 - page 8, line 2 ----- -/--	1-6

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex.

### \* Special categories of cited documents

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*Z\* document member of the same patent family

Date of the actual completion of the international search

**4 April 2005**

Date of mailing of the international search report

**14/04/2005**

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

**Swartjes, H**

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/003703

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
P,X	B. GRATACOS: "Reorientation and calibration of nongimbale multicomponents sensors" 73RD ANNUAL INTERNATIONAL SEG MEETING. EXPANDED ABSTRACTS, 26 October 2003 (2003-10-26), - 31 October 2003 (2003-10-31) pages 838-841, XP002323074 DALLAS the whole document	1-6
A	----- B. GRATACOS: "Calibration of horizontal sensors in the presence of azimuthal anisotropy" 72ND ANNUAL INTERNATIONAL SEG MEETING. EXPANDED ABSTRACTS, 6 October 2002 (2002-10-06), - 11 October 2002 (2002-10-11) pages 971-974, XP002323075 SALT LAKE CITY the whole document	1-6
A	----- US 5 724 306 A (BARR FREDERICK JAMES) 3 March 1998 (1998-03-03)	
A	----- US 2003/109989 A1 (MUYZERT EVERHARD ET AL) 12 June 2003 (2003-06-12) -----	

In . . . . . nal Application No  
PCT/IB2004/003703

Form PCT/ISA/210 (patent family annex) (January 2004)